

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10296-050001	Application No. 09/616,787
	Applicant David F. Englert		
	Filing Date July 14, 2000	Group Art Unit 1634	<b>RECEIVED</b> NOV 22 2004

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>R</i>	AA	5,104,792	Apr. 14, 1002	Silver et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>R</i>	AB	WO 96/15271	23 May 1996	WIPO				
<i>R</i>	AC	WO 97/45559	4 Dec. 1997	WIPO				
<i>R</i>	AD	WO 98/35058	13 Aug. 1998	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>R</i>	AE	Newton and Graham: "PCR" 1994, Spektrum Akademischer Verlag, Heidelberg, XP002299813, Page 70-71, Figure 4.1
<i>R</i>	AF	Supplemental European Search Report for EP Application No. 00 95 0341, dated 8 October 2004

Examiner Signature <i>[Signature]</i>	Date Considered 3/24/05
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Patent and Trademark Office

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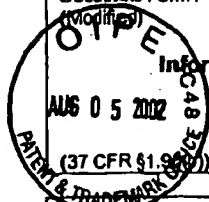
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Group Art Unit  
1634



**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
✓	AA	5,445,934	08/29/95	Fodor et al.			
	AB	5,508,169	04/16/96	Deugau et al.			
	AC	5,552,270	09/03/96	Khrapko et al.			
	AD	5,631,134	05/20/97	Cantor			
	AE	5,700,637	12/23/97	Southern			
	AF	5,714,320	02/03/98	Kool			
	AG	5,770,365	06/23/98	Lane et al.			
✓	AH	5,871,911	02/16/99	Dahlberg et al.			

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							Yes	No
✓	AI	EP0373203B1	08/31/94	Europe				
	AJ							
	AK							
	AL							
	AM							

**Other Documents (Include Author, Title, Date, and Place of Publication)**

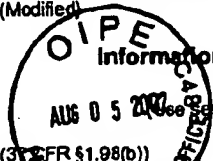
Examiner Initial	Desig. ID	Document
✓	AN	Bukanov et al., "PD-loop: A complex of duplex DNA with an oligonucleotide", <i>Proc. Natl. Acad. Sci. USA</i> 95:5516-5520 (1998)
	AO	Cargill et al., "Characterization of single-nucleotide polymorphisms in coding regions of human genes", <i>Nature Genetics</i> 22:231-238 (1999)
	AP	Drobyshev et al., "Sequence analysis by hybridization with oligonucleotide microchip: identification of $\beta$ -thalassemia mutations", <i>Gene</i> 188:45-52 (1997)
	AQ	Dubiley et al., "Fractionation, phosphorylation and ligation on oligonucleotide microchips to enhance sequencing by hybridization", <i>Nucl. Acids Res.</i> 25:2259-2265 (1997)
	AR	Favis et al., "Universal DNA array detection of small insertions and deletions in <i>BRCA1</i> and <i>BRCA2</i> ", <i>Nature Biotechnology</i> 18:561-564 (2000)
✓	AS	Griffin et al., "Direct genetic analysis by matrix-assisted laser desorption/ionization mass spectrometry", <i>Proc. Natl. Acad. Sci. USA</i> 96:6301-6306 (1999)
✓	AT	Gunderson et al., "Mutation Detection by Ligation to Complete <i>n</i> -mer DNA Arrays", <i>Genome Research</i> 8:1142-1153 (1998)

Examiner Signature

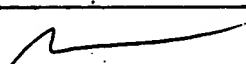
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✓	AU	Isaksson and Landegren, "Accessing genomic information: alternatives to PCR", <i>Current Opinion in Biotechnology</i> 10:11-15 (1999)
	AV	Kuhn et al., "An Experimental Study of Mechanism and Specificity of Peptide Nucleic Acid (PNA) Binding to-Duplex DNA", <i>J. Mol. Biol.</i> 286:1337-1345 (1999)
	AW	Livshits and Mirzabekov, "Theoretical Analysis of the Kinetics of DNA Hybridization with Gel-Immobilized Oligonucleotides", <i>Biophysical Journal</i> 71:2795-2801 (1996)
	AX	Mir and Southern, "Determining the influence of structure on hybridization using oligonucleotide arrays", <i>Nature Biotechnology</i> 17:788-792 (1999)
	AY	Ryan et al., "Non-PCR-Dependent Detection of the Factor V Leiden Mutation From Genomic DNA Using a Homogeneous Invader Microtiter Plate Assay", <i>Molecular Diagnosis</i> 4:135-144 (1999)
	AZ	Thomas et al., "Amplification of Padlock Probes for DNA Diagnostics by Cascade Rolling Circle Amplification or the Polymerase Chain Reaction", <i>Arch Pathol Lab Med</i> 123:1170-1176 (1999)
	AAA	Timofeev et al., "Regioselective immobilization of short oligonucleotides to acrylic copolymer gels", <i>Nucl. Acids Res.</i> 24:3142-3148 (1996)
	ABB	Wang et al., "Large-Scale Identification, Mapping, and Genotyping of Single-Nucleotide Polymorphisms in the Human Genome", <i>Science</i> 280:1077-1082 (1998)
✓	ACC	Yershov et al., "DNA analysis and diagnostics on oligonucleotide microchips", <i>Proc. Natl. Acad. USA</i> 93:4913-4918 (1996)
✓	ADD	Zhang et al., "Amplification of target-specific, ligation-dependent circular probe", <i>Gene</i> 211:277-285 (1998)

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